



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

*Sector 18*

#3

In re application of

Group Art Unit: 2122

**Kenneth J. Hines**

Application No. 09/886,459

Filed: June 20, 2001

For: **A DATA STRUCTURE AND METHOD FOR DETECTING  
CONSTRAINT CONFLICTS IN COORDINATION-CENTRIC  
SOFTWARE SYSTEMS**

Date: October 16, 2001

**TRANSMITTAL LETTER**

TO THE COMMISSIONER FOR PATENTS:

Enclosed for filing in the above-referenced application are the following:

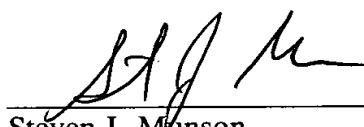
- Notice to File Missing Parts (Part 2)
- Combined Declaration and Power of Attorney
- Fee Transmittal
- Check for \$522.00
- Return receipt postcard

The Commissioner is hereby authorized to charge any additional fees which may be required in connection with filing of these papers, or credit overpayment, to Account No. 19-4455. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

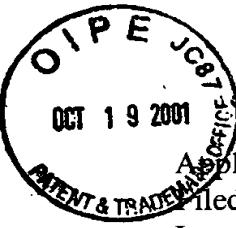
**Kenneth J. Hines**

By

  
Steven J. Munson

Registration No. 47,812

STOEL RIVES LLP  
900 SW Fifth Avenue, Suite 2600  
Portland, Oregon 97204-1268  
Telephone: (503) 224-3380  
Facsimile: (503) 220-2480  
Attorney Docket No. 10488/13:1 USA



Application No.: 09/886,459

Filed: June 20, 2001

Inventor: Kenneth J. Hines

Title: **A DATA STRUCTURE AND METHOD FOR DETECTING CONSTRAINT  
CONFLICTS IN COORDINATION-CENTRIC SOFTWARE SYSTEMS**

Docket No.: 10488/13:1 USA

---

**CERTIFICATE OF MAILING**

Date of Deposit: October 16, 2001

I HEREBY CERTIFY THAT THIS CORRESPONDENCE IS  
BEING DEPOSITED WITH THE UNITED STATES  
POSTAL SERVICE AS FIRST CLASS MAIL IN  
AN ENVELOPE ADDRESSED TO: COMMISSIONER  
FOR PATENTS, WASHINGTON, D.C. 20231.

  
\_\_\_\_\_  
Signature

Cathy Montee

Typed or printed name of person signing  
certificate

---

Attachments:

- Transmittal letter (in duplicate)
- Notice to File Missing Parts (Part 2)
- Combined Declaration and Power of Attorney
- Fee Transmittal
- Check for \$522.00
- Return receipt postcard



OCT 19 2001

PTO/SB/17 (09-00)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 522.00)

## Complete if Known

Application Number	09/886,459
Filing Date	June 20, 2001
First Named Inventor	Kenneth J. Hines
Examiner Name	
Group Art Unit	2122
Attorney Docket No.	10488/13:1

## METHOD OF PAYMENT

1.  The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

Deposit Account Number **19-4455**  
 Deposit Account Name **Stoel Rives LLP**

Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

Applicant claims small entity status. See 37 CFR 1.27

2.  Payment Enclosed:

Check  Credit card  Money Order  Other

## FEE CALCULATION

## 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
101	740	201	370 Utility filing fee
106	330	206	165 Design filing fee
107	510	207	255 Plant filing fee
108	740	208	370 Reissue filing fee
114	160	214	80 Provisional filing fee

SUBTOTAL (1) (\$ 370.00)

## 2. EXTRA CLAIM FEES

Total Claims	Extra Claims	Fee from below	Fee Paid
Independent Claims	25 -20** = 5	X 9 = 45.00	
Multiple Dependent	4 -3** = 1	X 42 = 42.00	

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description
103	18	203 9 Claims in excess of 20
102	80	202 40 Independent claims in excess of 3
104	270	204 135 Multiple dependent claim, if not paid
109	80	209 40 ** Reissue independent claims over original patent
110	18	210 9 ** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$ 87.00)

\*\*or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES			
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
105	130	205 65 Surcharge - late filing fee or oath	65.00
127	50	227 25 Surcharge - late provisional filing fee or cover sheet	
139	130	139 130 Non-English specification	
147	2,520	147 2,520 For filing a request for ex parte reexamination	
112	920*	112 920* Requesting publication of SIR prior to Examiner action	
113	1,840*	113 1,840* Requesting publication of SIR after Examiner action	
115	110	215 55 Extension for reply within first month	
116	390	216 195 Extension for reply within second month	
117	890	217 445 Extension for reply within third month	
118	1,390	218 695 Extension for reply within fourth month	
128	1,890	228 945 Extension for reply within fifth month	
119	310	219 155 Notice of Appeal	
120	310	220 155 Filing a brief in support of an appeal	
121	270	221 135 Request for oral hearing	
138	1,510	138 1,510 Petition to institute a public use proceeding	
140	110	240 55 Petition to revive - unavoidable	
141	1,240	241 620 Petition to revive - unintentional	
142	1,240	242 620 Utility issue fee (or reissue)	
143	440	243 220 Design issue fee	
144	600	244 300 Plant issue fee	
122	130	122 130 Petitions to the Commissioner	
123	50	123 50 Petitions related to provisional applications	
126	240	126 240 Submission of Information Disclosure Stmt	
581	40	581 40 Recording each patent assignment per property (times number of properties)	
146	710	246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
149	710	249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
179	710	279 355 Request for Continued Examination (RCE)	
169	900	169 900 Request for expedited examination of a design application	
Other fee (specify) _____			
• Reduced by Basic Filing Fee Paid			SUBTOTAL (3) (\$ 65.00)

SUBMITTED BY					
Name (Print/Type)	Steven J. Munson	Registration No. (Attorney/Agent)	47,812	Telephone	(503) 224-3380
Signature			Date	October 16, 2001	

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



**UNITED STATES PATENT AND TRADEMARK OFFICE**

H3  
 COMMISSIONER FOR PATENTS  
 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/886,459	06/20/2001	Kenneth J. Hines	10488/13:1

**CONFIRMATION NO. 4978**

3528  
 STOEL RIVES LLP  
 900 SW FIFTH AVENUE  
 SUITE 2600  
 PORTLAND, OR 97204

**FORMALITIES LETTER**



\*OC00000006459329\*

Date Mailed: 08/22/2001



**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The statutory basic filing fee is missing.  
*Applicant must submit \$ 355 to complete the basic filing fee and/or file a small entity statement claiming such status (37 CFR 1.27).*
- Total additional claim fee(s) for this application is \$85.
  - \$45 for 5 total claims over 20.
  - \$40 for 1 independent claims over 3 .
- The oath or declaration is unsigned.
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.
- **The balance due by applicant is \$ 505.**

10/22/2001 SDIRETA1 00000014 09886459

01 FC:201	370.00	OP
02 FC:205	65.00	OP
03 FC:203	45.00	OP
04 FC:202	42.00	OP

*A copy of this notice **MUST** be returned with the reply.*

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE